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NEWS	5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS	6	DEC 14	CA/CAPLUS to be enhanced with updated IPC codes
NEWS	7	DEC 21	IPC search and display fields enhanced in CA/CAPLUS with the IPC reform
NEWS	8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS	9	JAN 13	IPC 8 searching in IFIPAT, IFIUIDB, and IFICDB
NEWS	10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	13	JAN 30	Saved answer limit increased
NEWS	14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS	15	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	16	FEB 22	Status of current WO (PCT) information on STN
NEWS	17	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	18	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
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* * * * * STN Columbus * * * * *

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=> s (nanocrystal? or nanopartic?)
L1 126487 (NANOCRYSTAL? OR NANOPARTIC?)

=> s l1 and microfluid?
L2 268 L1 AND MICROFLUID?

=> s l1 and heat (8w) exchang?
L3 71 L1 AND HEAT (8W) EXCHANG?

=> s l3 and microfluid?
L4 1 L3 AND MICROFLUID?

=> display 14 1 ibib abs
ENTER (L4), L# OR ?:
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1 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
The answer numbers requested are not in the answer set.
ENTER ANSWER NUMBER OR RANGE (1):1

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:740217 CAPLUS
DOCUMENT NUMBER: 141:262767
TITLE: Modules for **microfluid**-flow reactors for
manufacture of **nanoparticle** products
INVENTOR(S): Swinehart, Philip R.; Pollard, Kimberly; McGee,
Christopher
PATENT ASSIGNEE(S): Lake Shore Cryotronics Inc., USA
SOURCE: PCT Int. Appl., 96 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004076056	A2	20040910	WO 2004-US5942	20040226
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,			

GQ, GW, ML, MR, NE, SN, TD, TG

US 2005129580

A1

20050616

US 2004-788967

20040226

PRIORITY APPLN. INFO.:

US 2003-449590P

P

20030226

AB **Microfluidic** reactor modules, especially for manufacture of **nanocryst.** materials in a continuous flow, includes one or more flow paths with mixing structures and one or more controlled **heat exchangers** to process **nanocryst.** materials and reagents in the flow path. The **microfluidic** modules, which can be interconnected to form **microfluidic** reactors, also include sensors for monitoring flow, such as sensors for particle size, pressure, flow, and reagent chemical composition, in which the sensor output is used as an input to a controller for open or closed loop control of the module. The method was used to prepare **nanocryst.** CdSe complexes with TOPO (trioctyl phosphine oxide) and TOP (trioctyl phosphine) for use in fabrication of semiconductor wafers.